	Application No.	Applicant(s)
Notice of Allowability	10/656,143	ABROSIMOV, IGOR ANATOLIEVICH
	Examiner	Art Unit	
	John B Nguyen	2819	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.

2. ☒ The allowed claim(s) is/are *1-20*.

3. ☒ The drawings filed on *09/08/2003* are accepted by the Examiner.

4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☒ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

DETAILED ACTION

Allowable Subject Matter

1.   Claims 1-20 are allowed.

2.   The following is an examiner's statement of reasons for allowance:

The prior art fails to teach or fairly suggest a coding apparatus for encoding data

represented by input symbols into codes for serially transmitting the codes along a

communication channel, the codes being represented in the channel by signals having a

limited minimum and maximum pulse width and sampled by a receiver at each receiver's

clock period, wherein the 8 bit input symbols are encoded into a 12 bit output codes to

have the minimum signal pulse width longer than one period of the receiver's sampling

clock, comprises: a means for generating a coding table wherein two symbols are coded

in conjunction with one another, the coding table comprising 466 symbols grouped into

233 pairs so that, within each pair, one symbol is complementary to another one, to

obtain the coding table comprising only 233 symbols such that no one symbol is

complementary to another symbol; and a means for partitioning the obtained coding table

comprising 233 symbols into three groups of symbols such that: a first group comprises

one symbol only, wherein all bits are the same; a second group comprises symbols in

which two least bits are the same; a third groups comprises symbols in which the two

least bits are opposite as called for in claims 1, 9, and 20. Therefore, claims 1-20 are
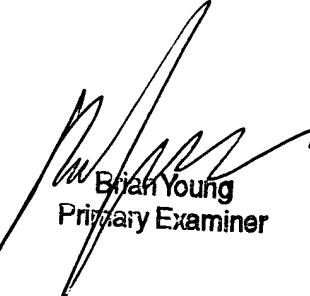
presently allowed.

Conclusion

3.   Any comments considered necessary by applicant must be submitted no later than

the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

        Any inquiry concerning this communication or earlier communications from the

examiner should be directed to John B Nguyen whose telephone number is (571) 272-

1808. The examiner can normally be reached on 8AM-4:30PM M-F.

John B. Nguyen
June 21, 2004

/W Brian Young
Primary Examiner